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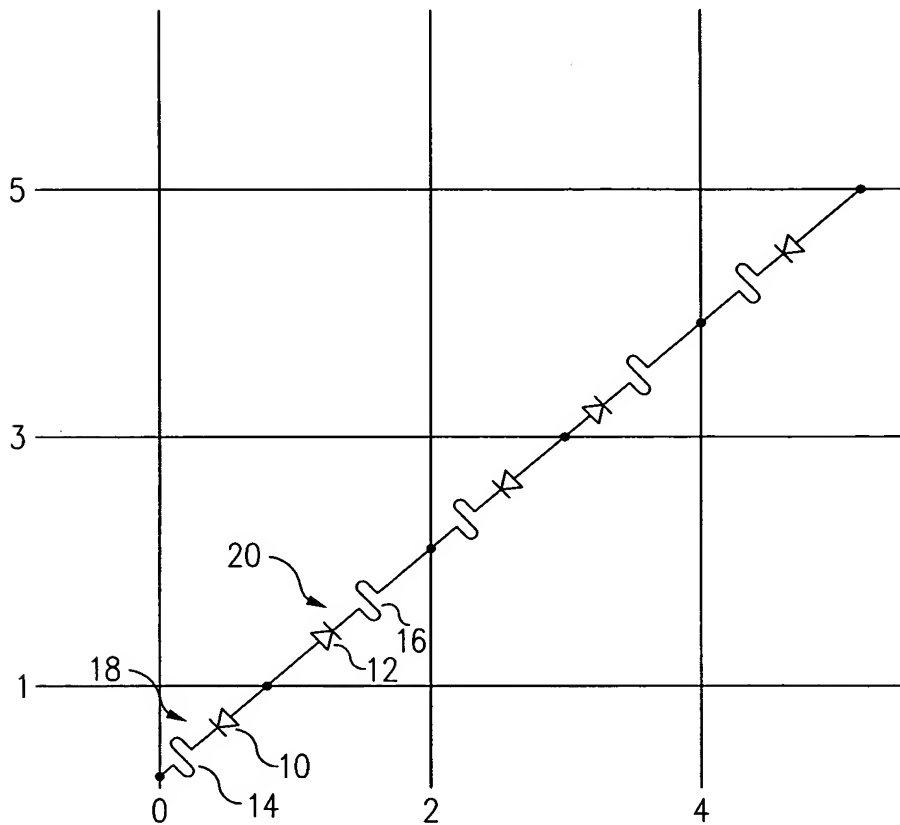


FIG. 1

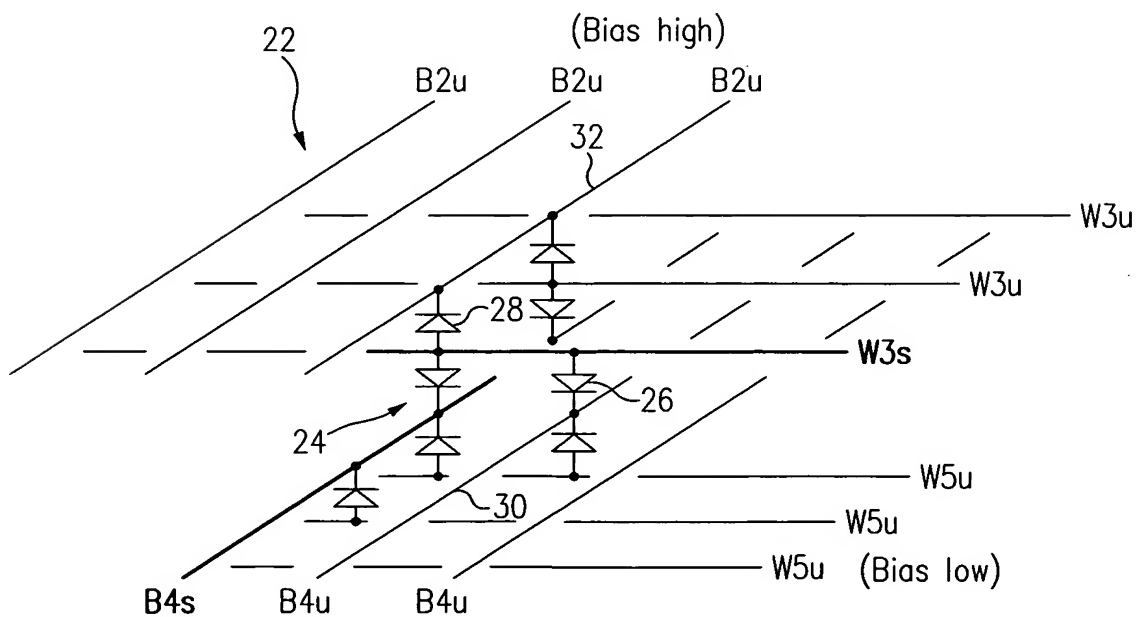


FIG. 2

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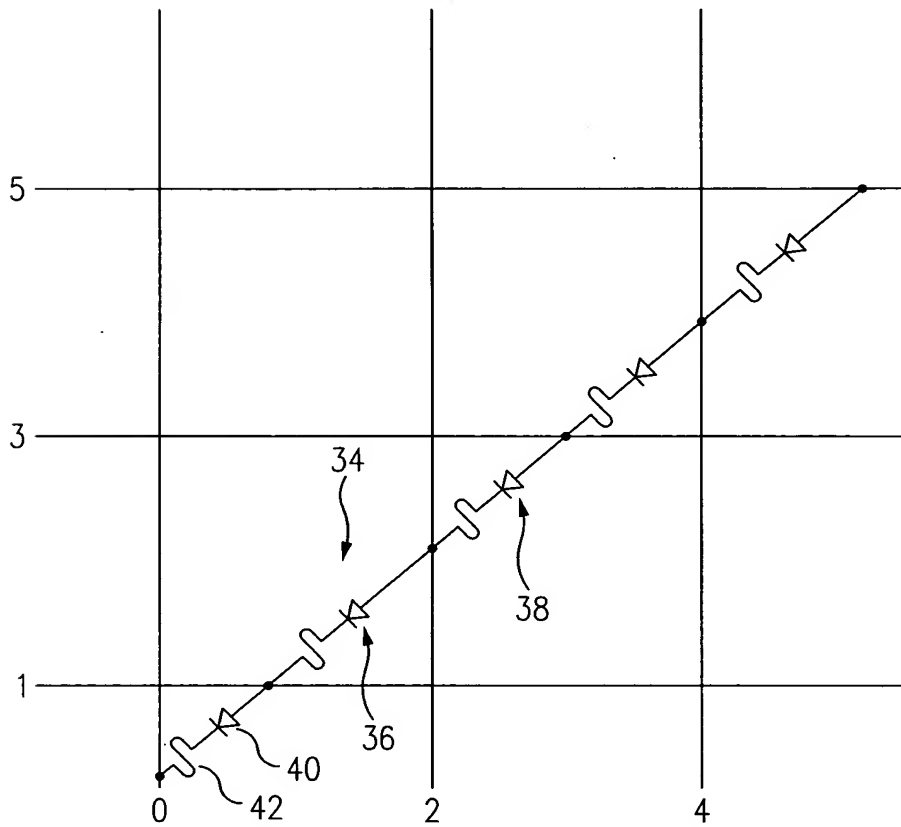


FIG. 3

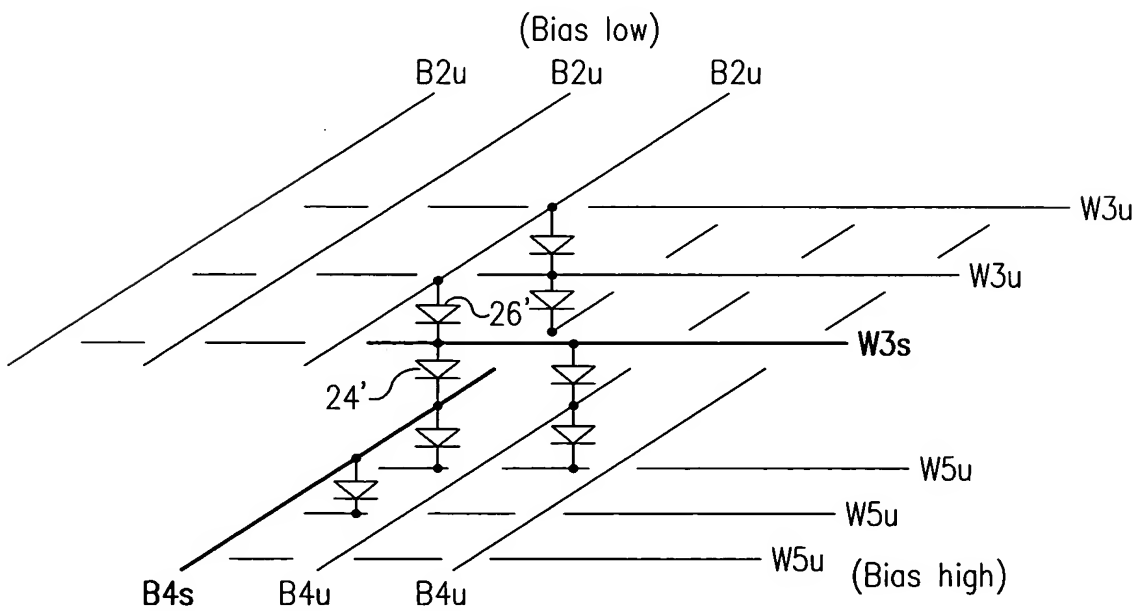


FIG. 4

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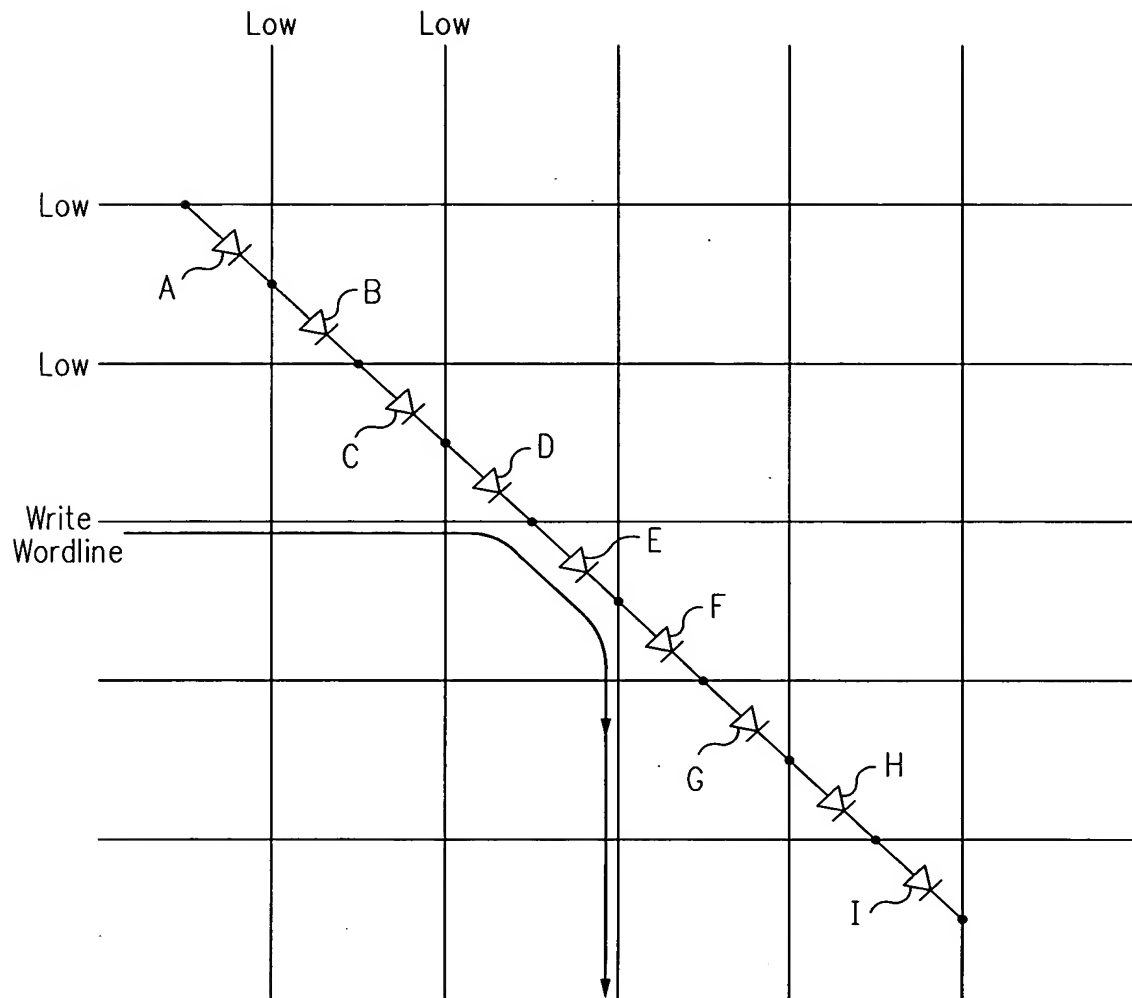


FIG. 5

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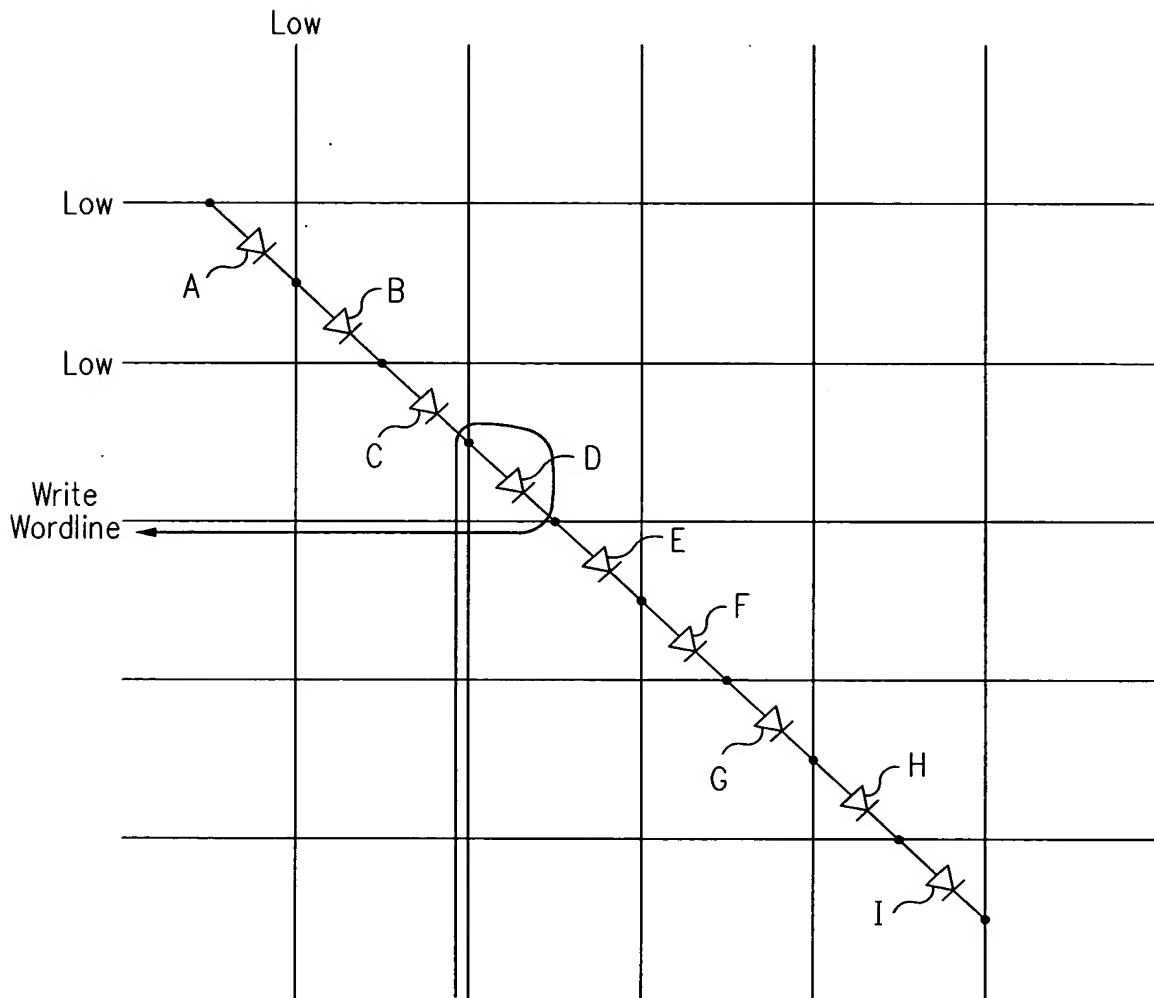


FIG. 6

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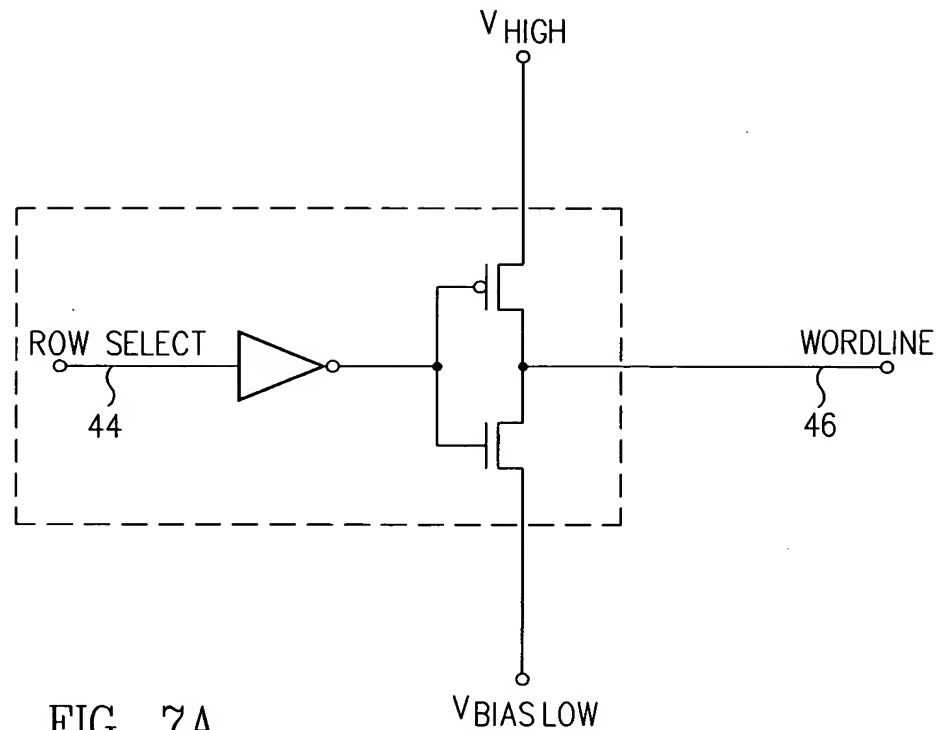


FIG. 7A

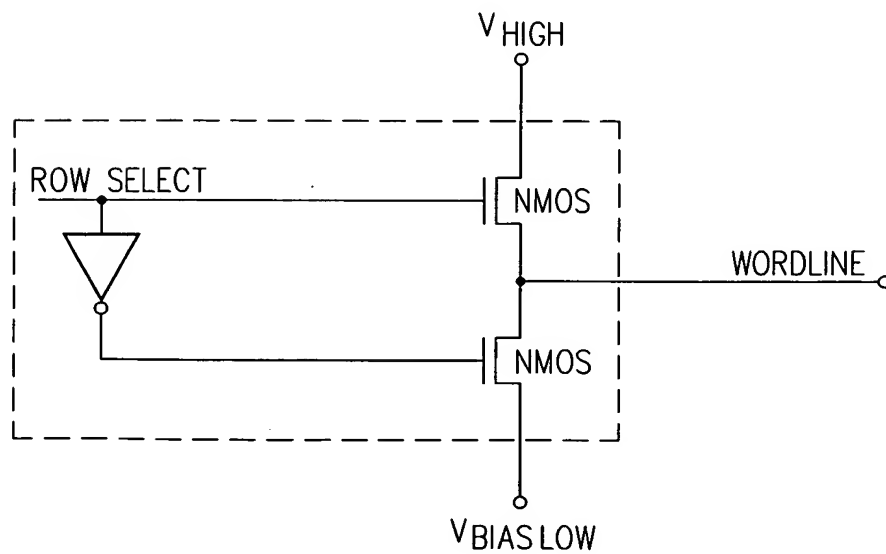


FIG. 7B

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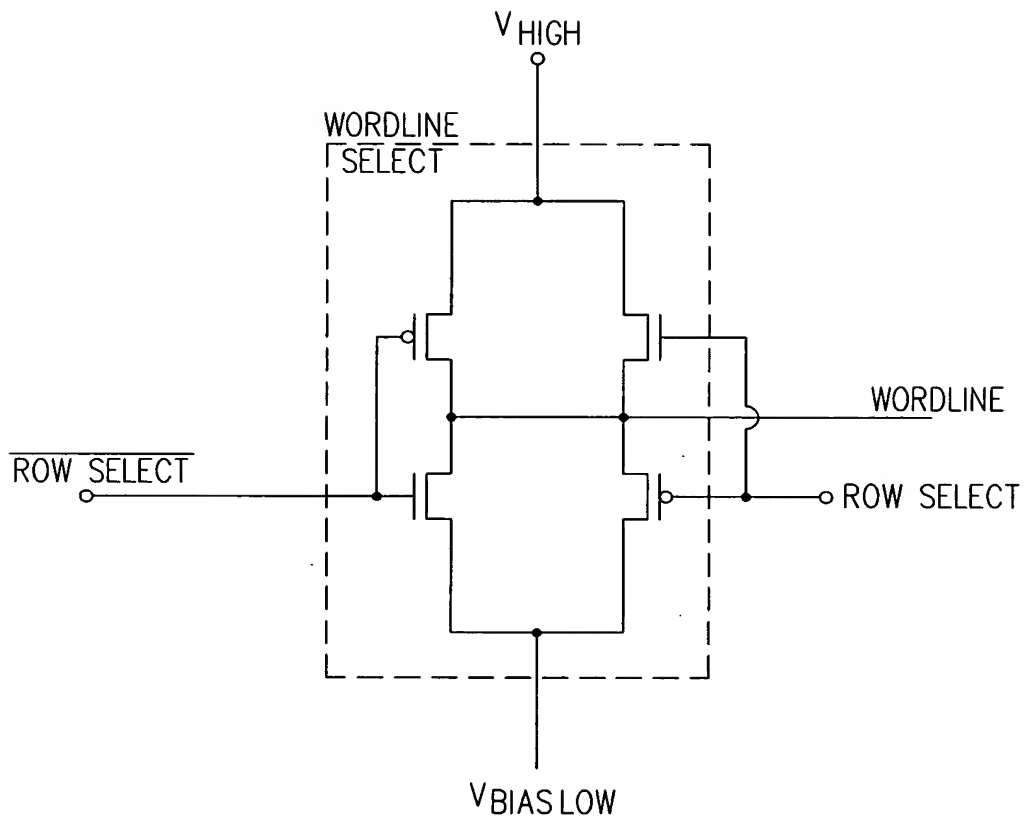


FIG. 7C

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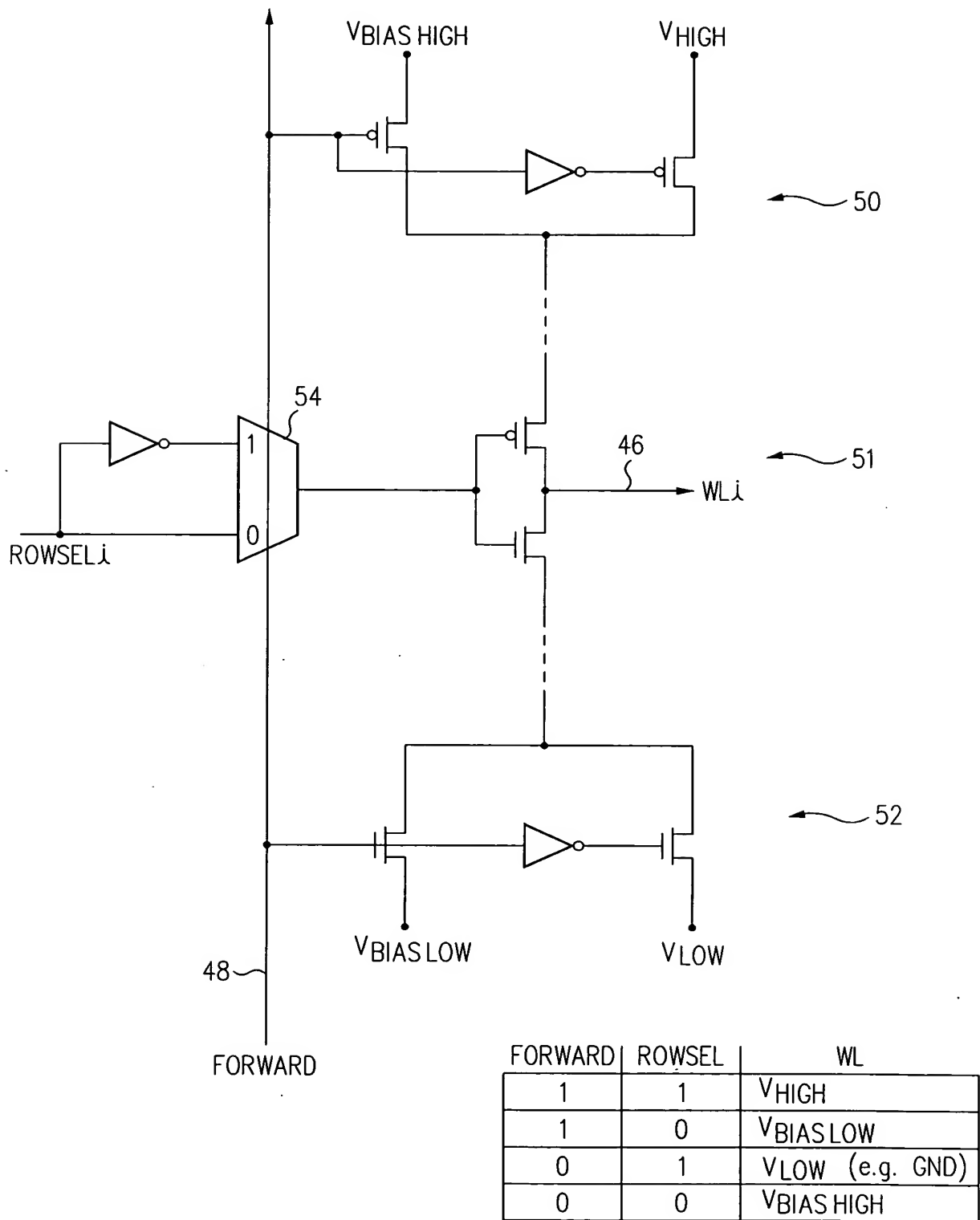


FIG. 8

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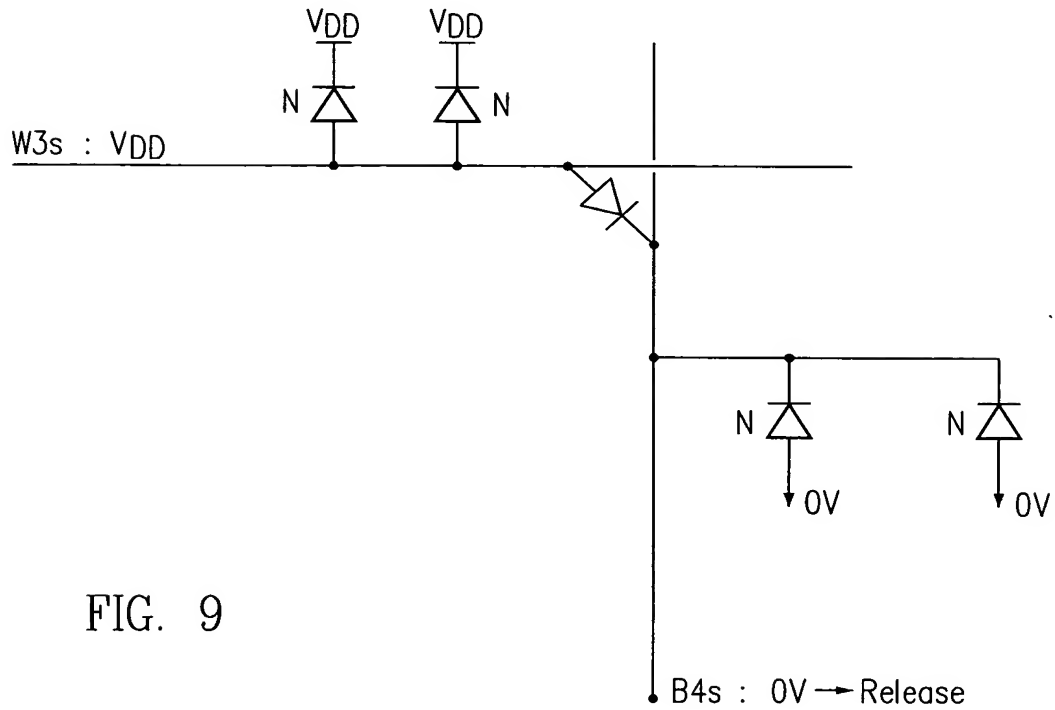


FIG. 9

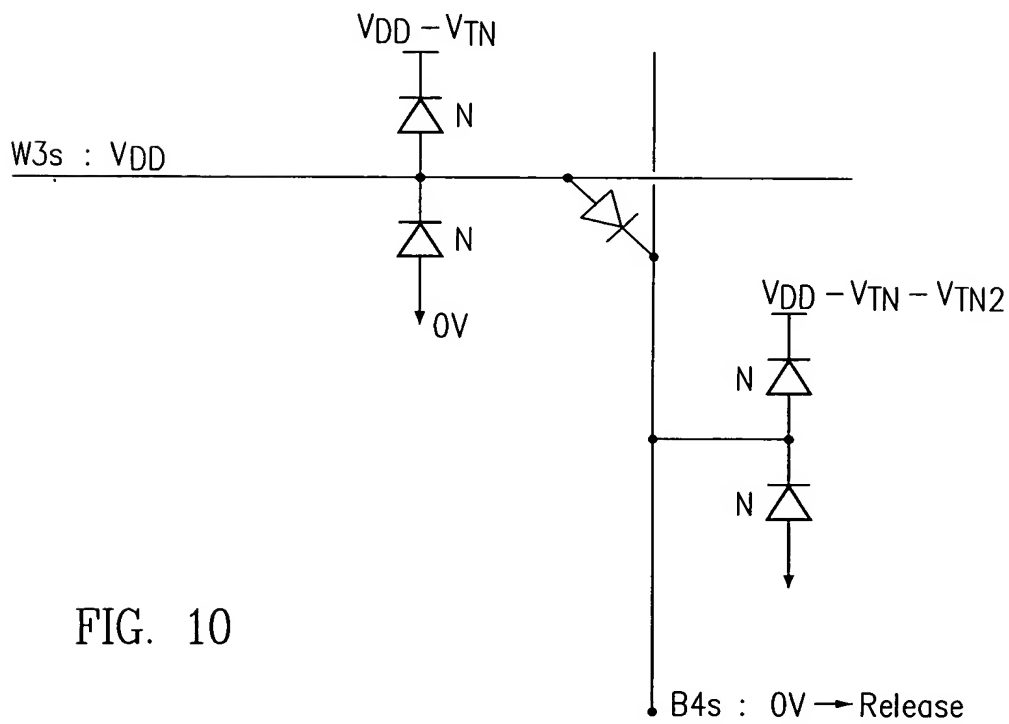


FIG. 10

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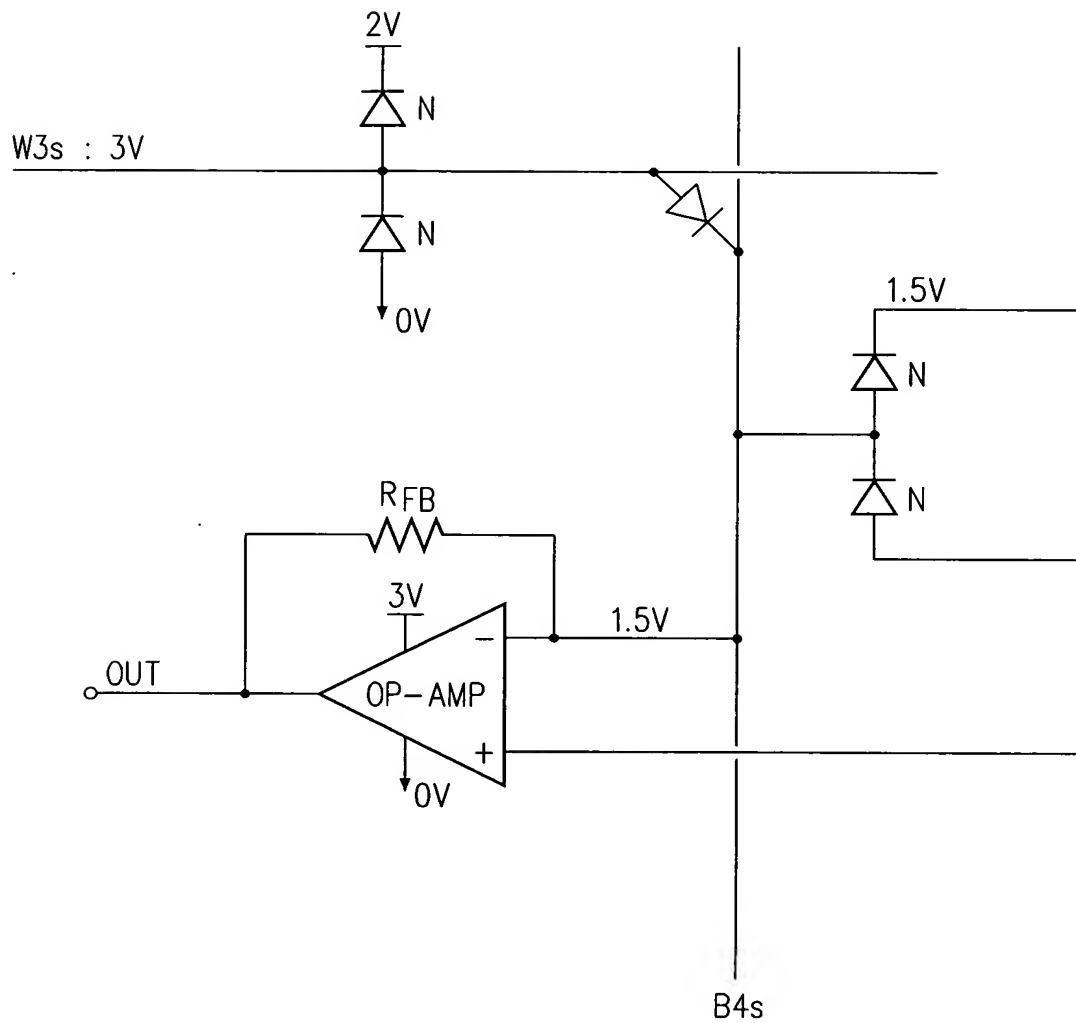


FIG. 11

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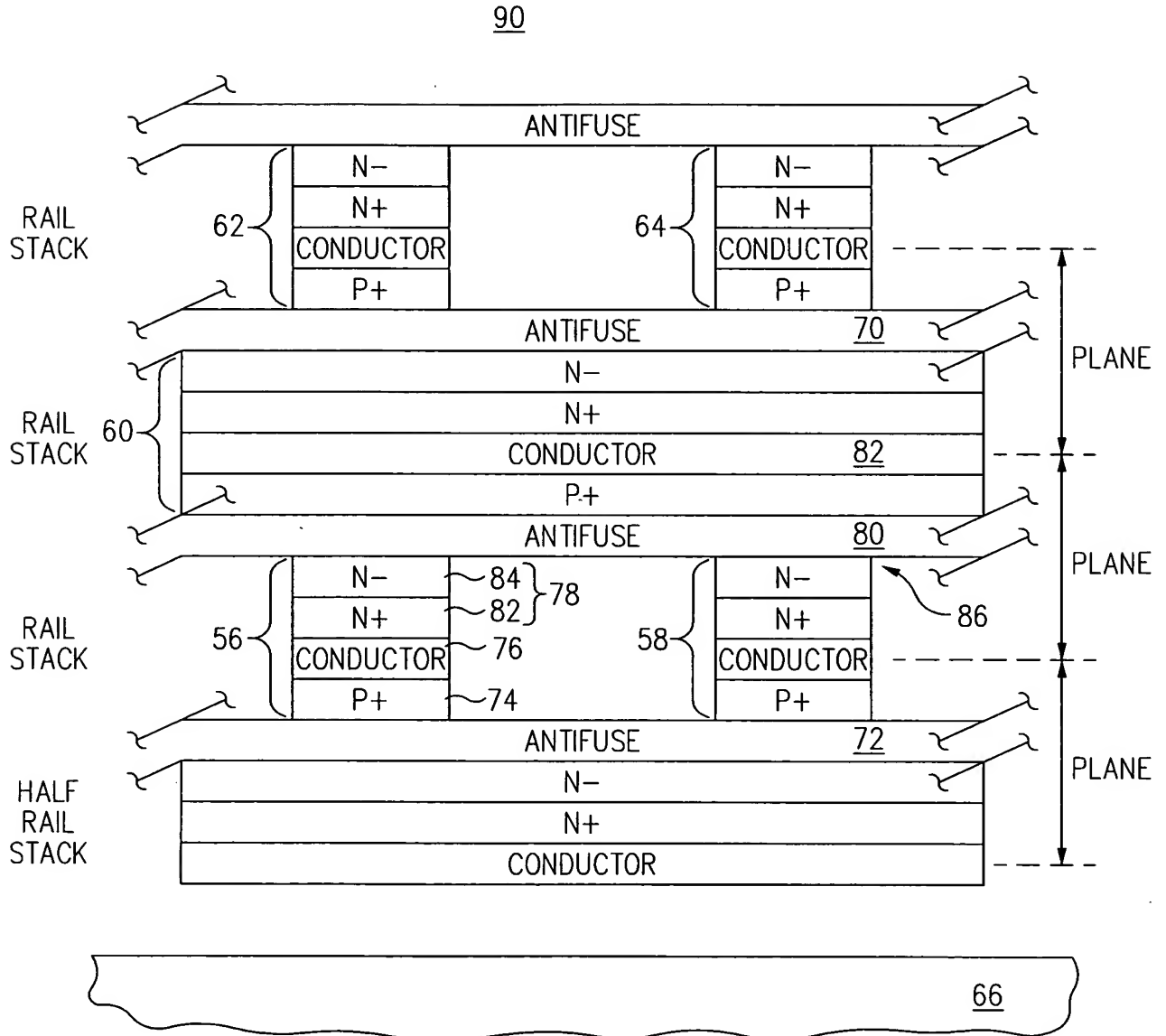


FIG. 12

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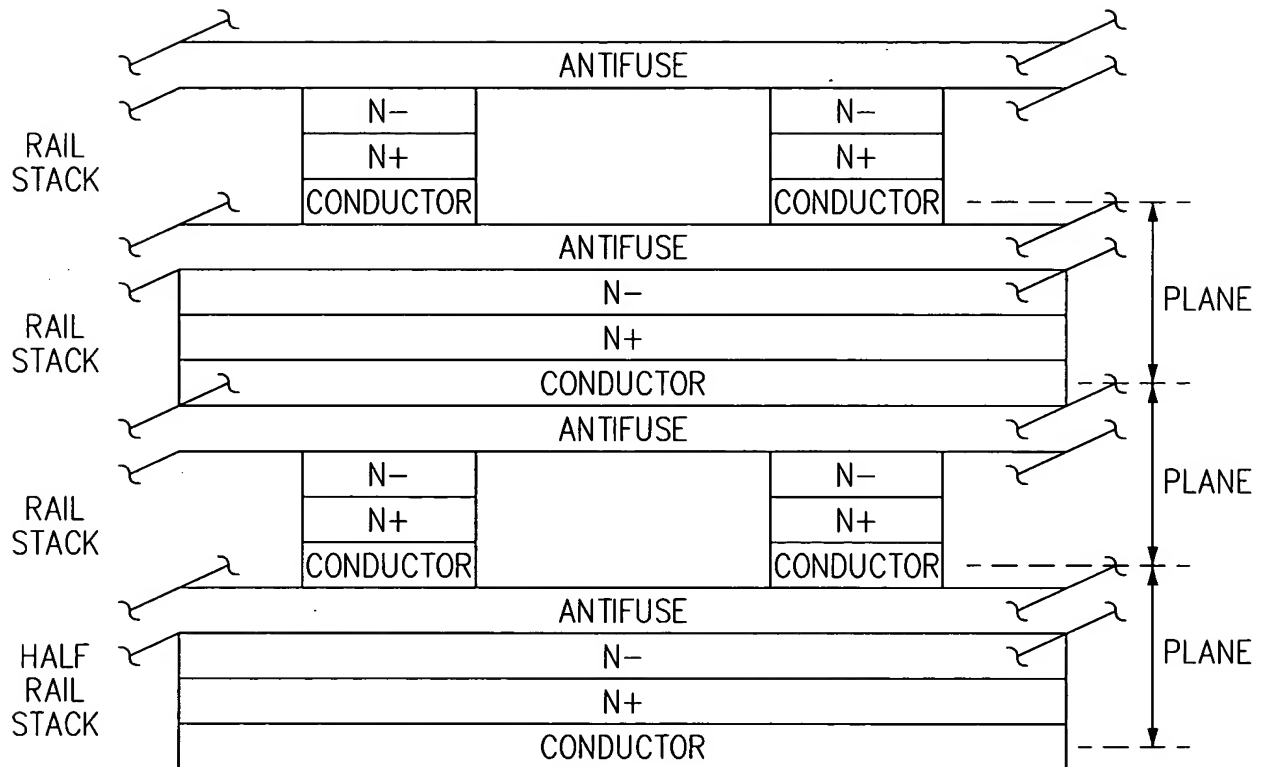
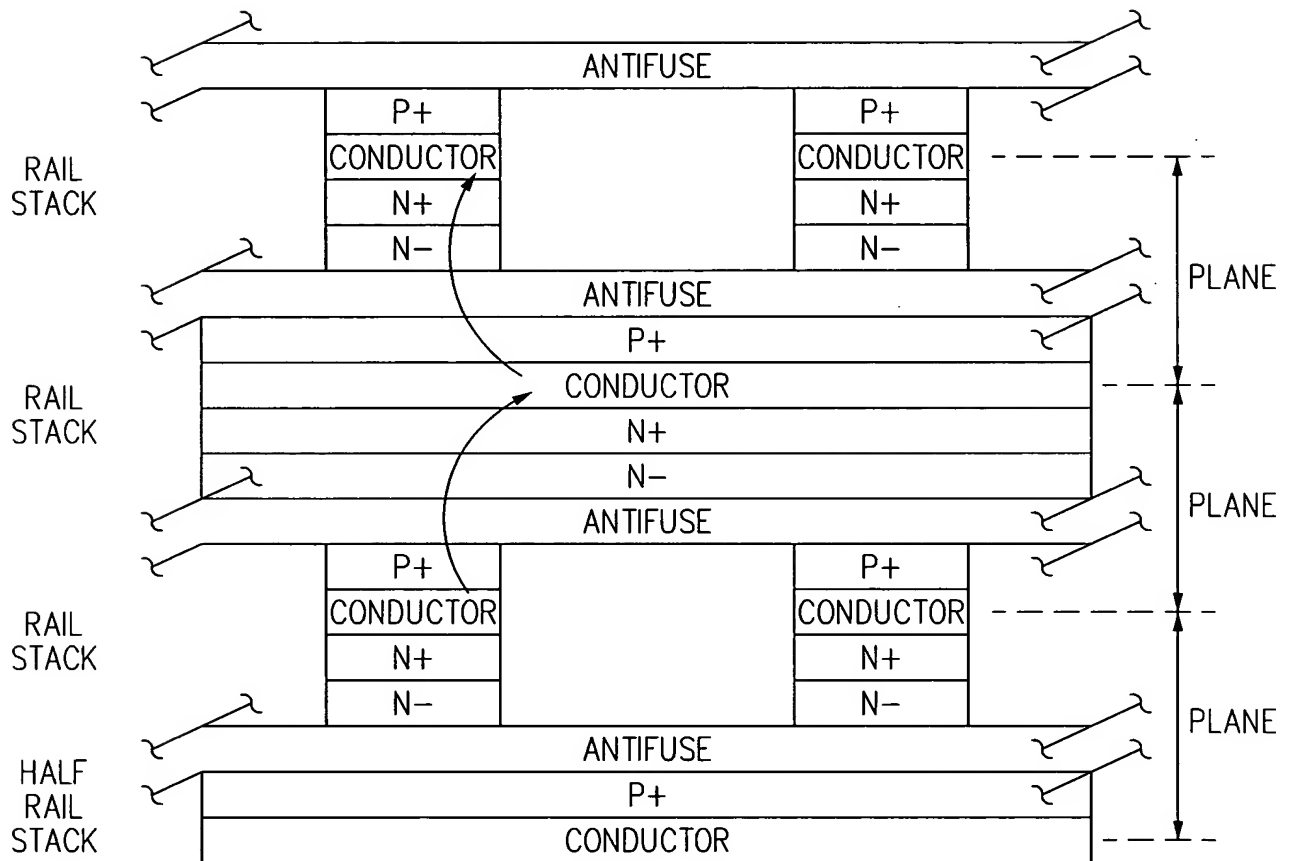


FIG. 13

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FIG. 14

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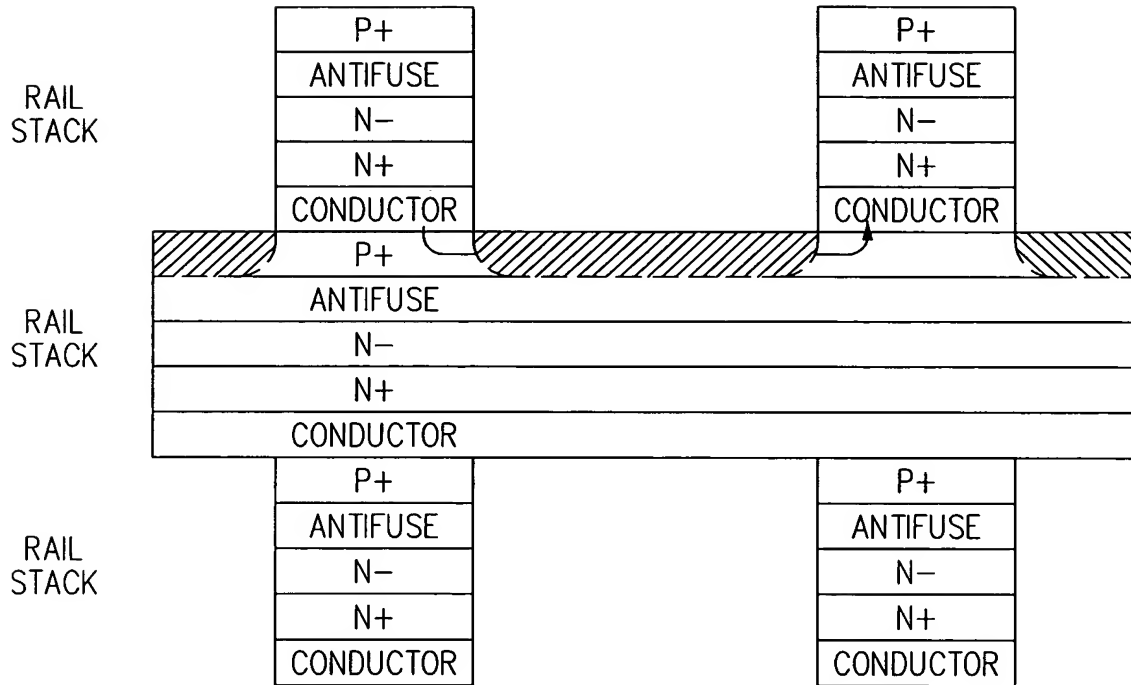


FIG. 15

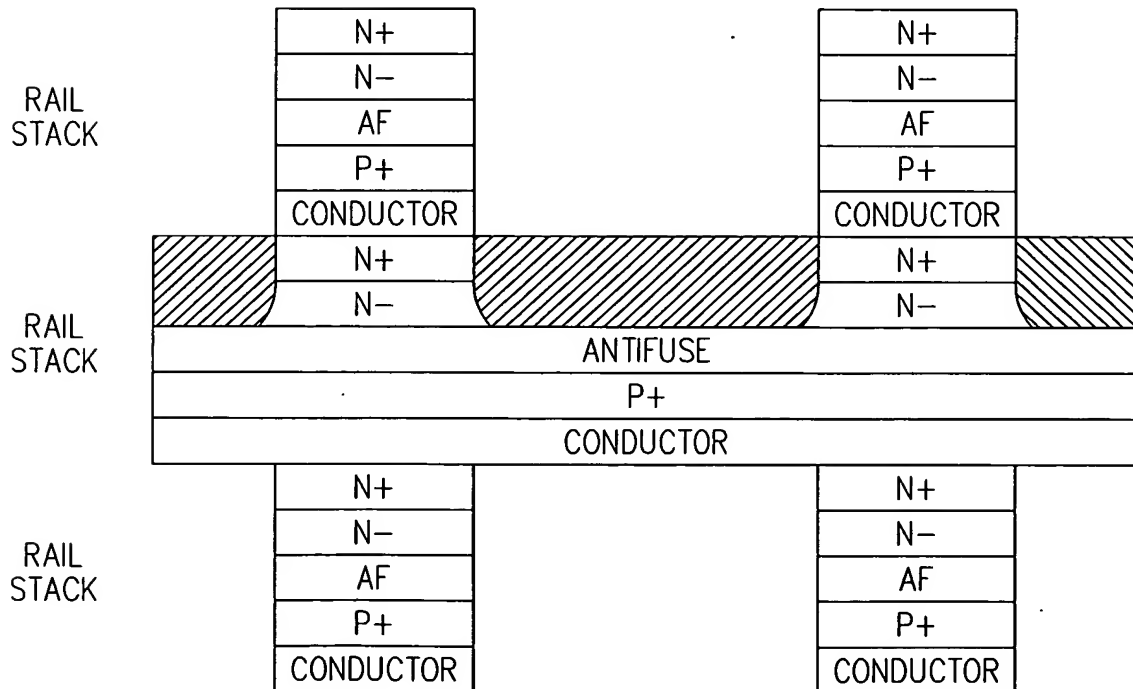


FIG. 16

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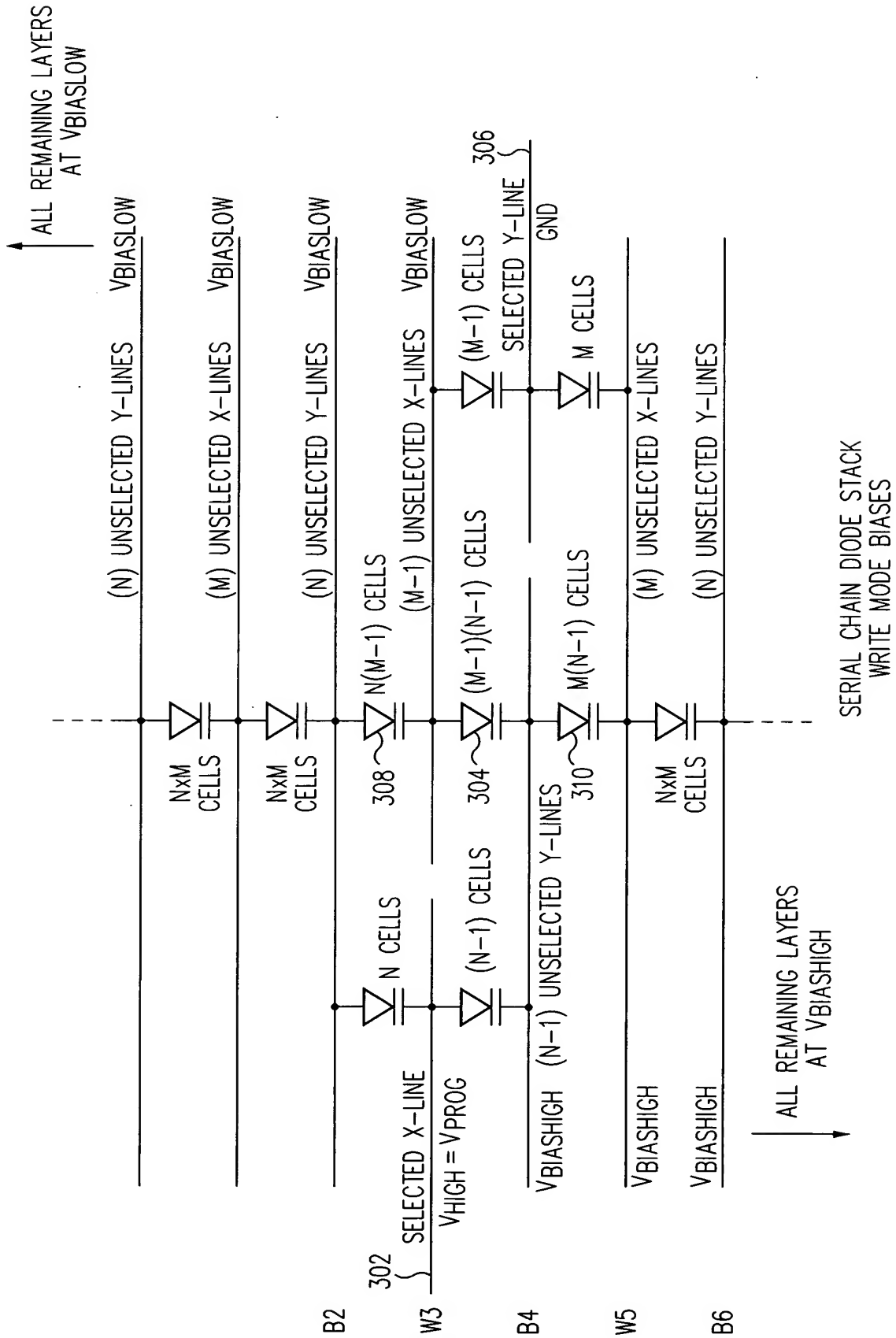


FIG. 17

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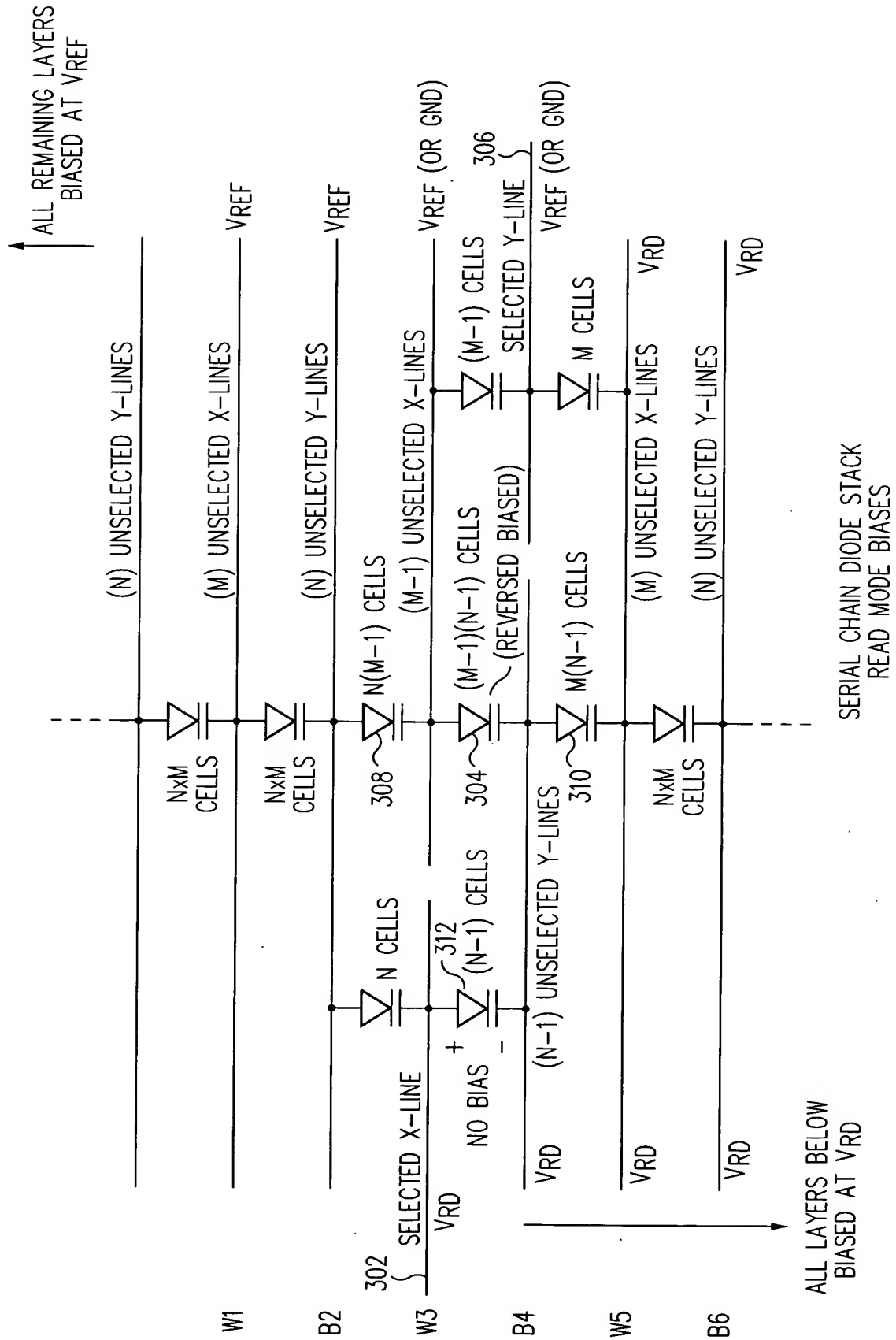
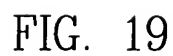


FIG. 18



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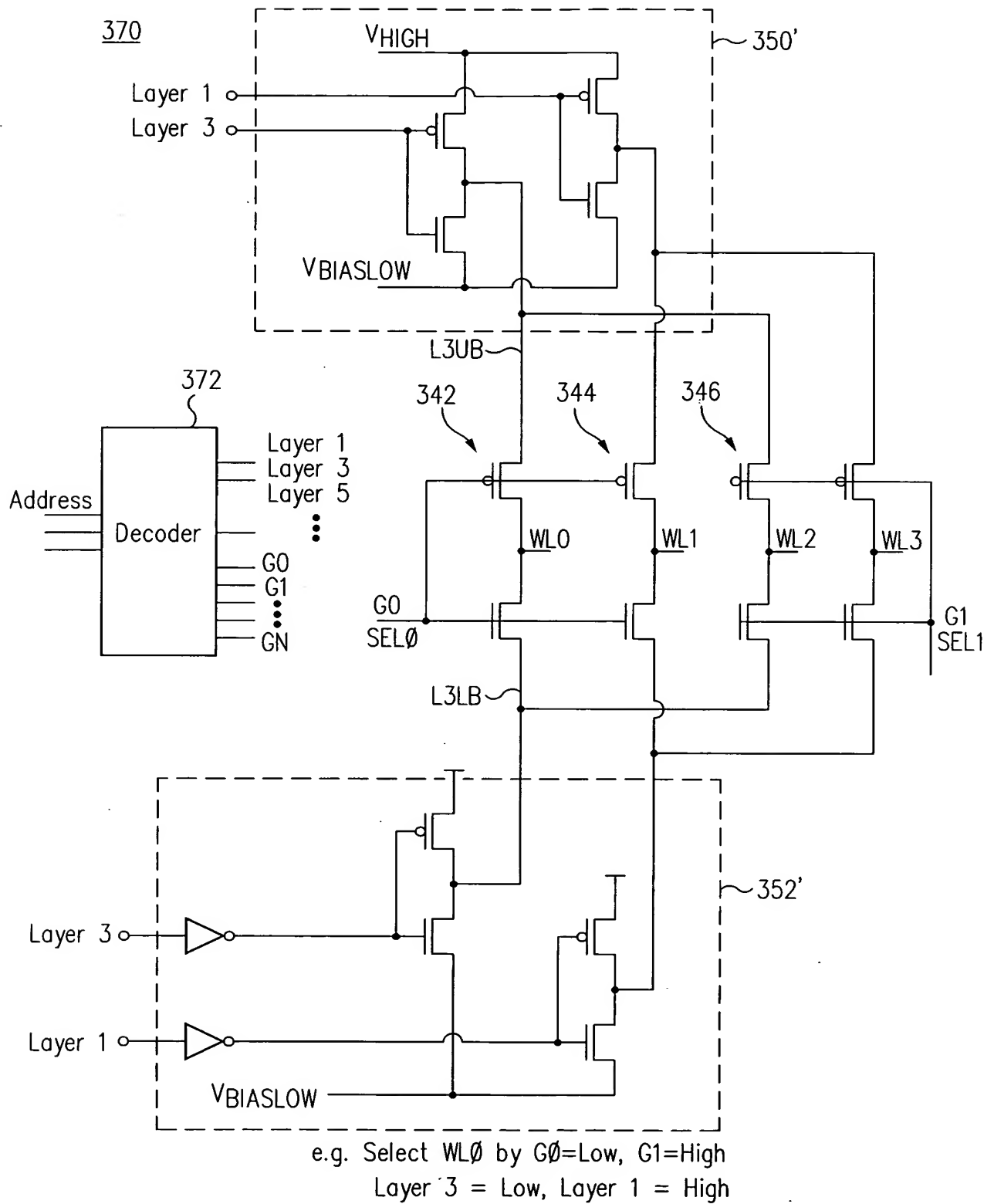


FIG. 20

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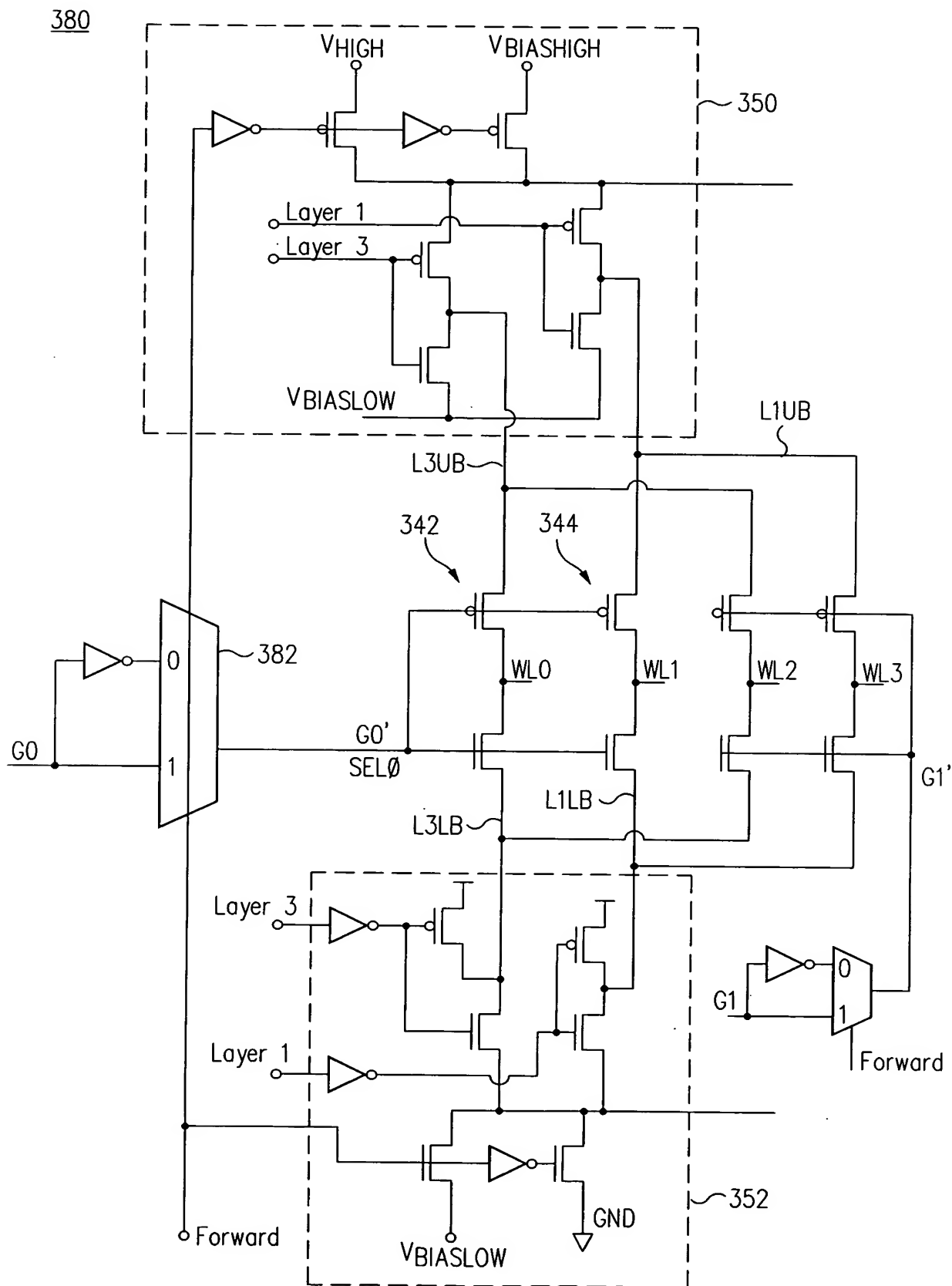


FIG. 21

FIG. 22

		V _{HIGH} = V _{PROG}		V _{HIGH} = V _{RD}	
		V _{BIASLOW} = V _{UXL}		V _{BIASLOW} = 0 OR V _{REF}	
FORWARD	ROW SEL	WORDLINE	WRITE	READ	
1	GND	SELECTED	V _{HIGH} = V _{PROG}	V _{HIGH} = V _{RD}	
	V _{ROW}	UNSELECTED	V _{BIASLOW}	V _{BIASLOW} = 0 OR V _{REF}	
0	V _{HIGH}	SELECTED	GND	GND	
	GND	UNSELECTED	V _{BIASLOW}	V _{RD}	

V_{PROG} ≈ 9V

V_{RD} ≈ 2V

V_{UXL} ≈ 0.8V

SERIAL CHAIN DIODE STACK

X-LINE BIAS VOLTAGES

524

BI-MODE DRV

522

BI-MODE SENSE

FIG. 23A

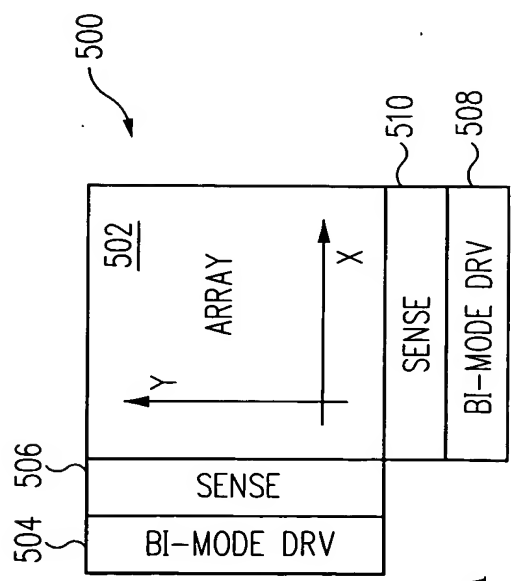


FIG. 23B

